



1A P12 Rec'd PCT/PTO 30 AUG 2007 Patent  
Attorney Docket No. 1019519-000536

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

) Group Art Unit:

Hiroaki Sata et al.

) Examiner:

Application No.: 10/584,462

) Confirmation No.: 3316

Filing Date: June 22, 2006

)

Title: POLARIZING PLATE AND LIQUID  
CRYSTAL DISPLAY

)

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please find attached our Transmittal Letter, Notification of Missing Requirements dated March 23, 2007, executed Declaration and a copy of the stamped posted stating that we filed the missing requirements on April 6, 2007 in the U.S. Patent and Trademark Office.

Should the Examiner have any questions concerning the subject application, the Examiner is invited to contact the undersigned attorney at the number provided.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date August 30, 2007

By:

Robert G. Mukai  
Registration No. 28531

P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620

PCT Postcard

Applicant/Inventor: Hiroaki SATA et al.

Docket No.: 1019519-000536

Working Atty.: Robert G. Mukai / rsc  
Title: POLARIZING PLATE AND LIQUID CRYSTAL DISPLAY

Dkt. Clerk Initials  
**DSI**

Appln. No.: 10/584,462

Filing Date: June 22, 2006

Date: April 6, 2007

The following was/were received in the U.S. Patent and Trademark Office on the date stamped hereon:

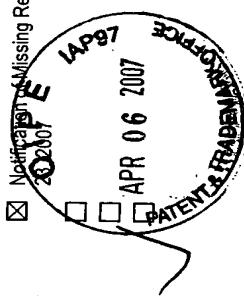
Transmittal Letter to the U.S. Receiving Office/  
Response to Invitation (PTO-1382)  
 Transmittal Letter to U.S. Designated/Elected Office  
(DOE/US) Concerning Filing Under 35 USC 371  
(PTO-1390)  
 PCT Request (PCT/RO/101) (\_\_\_\_\_  
pgs.)

PCT Demand (PCT/I/PEA/401) International  
Preliminary Examination Report  
 PCT Fee Calculation Sheet Annex to Demand for  
Intl. Prel. Exam. (PCT/I/PEA/401 (Annex))  
 PCT Notice of Confirmation of Precautionary  
Designations (PCT/RO/144)  
 Executed Declaration/Power of Attorney  
 Unexecuted Declaration/Power of Attorney  
 Assignment/Assignment Recordation Form Cover  
Sheet (PTO-1595)

**INCLUDING:**

Specification (pages 1-\_\_\_\_\_  
 Claims (claims 1-\_\_\_\_\_  
\_\_\_\_\_  
pages)  
 Drawings (Figs. 1-\_\_\_\_\_  
\_\_\_\_\_  
pages)  
 Abstract of the Disclosure  
 PCT Fee Calculation Sheet Annex to the Request  
(PCT/RO/101 (Annex))

Patent Application Data Sheet  
 Gen. Authorization for Petition for Ext. of Time and  
Payment of Fees  
 Diskette  
 Charge \$\_\_\_\_\_ to Deposit Account  
 Charge \$130.00 to credit card. Form PTO-2038 is  
attached  
 Notification of Missing Requirements dated March  
14, 1997  
 APR 06 2007  
 PATENT & TRADEMARK OFFICE  
2007



<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NO.</b> 1019519-000536 <b>U.S. APPLICATION NO. (If known)</b> 10/584,462
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/JP2004/019656	21 December 2004	25 December 2003
<b>TITLE OF INVENTION</b> <b>POLARIZING PLATE AND LIQUID CRYSTAL DISPLAY</b>		
<b>APPLICANT(S) FOR DO/EO/US</b> Hiroaki SATA, Tadashi ITO, and Yosuke NISHIURA (deceased) by Takako NISHIURA as Legal Representative		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <b>Items 11 to 20 below concern document(s) or information included:</b> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Notification of Missing Requirements dated March 23, 2007		

**DOCKETED**  
**Filed** 4/6/07 JLT

U.S. APPLICATION NO. (If known) 10/584,462	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NO. 1019519-000536
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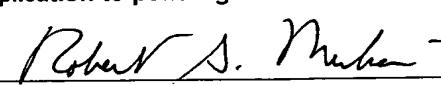
The following fees have been submitted:				CALCULATIONS	PTO USE ONLY
21. <input type="checkbox"/> Basic National fee (37 CFR 1.492(a)) (1631) \$ 300				\$ 0	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) (1643) \$ 0 All other situations (1633) \$ 200					
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) (1640) \$ 0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority (1641) \$ 100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB (1642) \$ 400 All other situations (1632) \$ 500				\$ 0	
<b>TOTAL OF 21, 22 AND 23 =</b>				\$ 0	
<input type="checkbox"/> Additional fee for specifications and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$ 250 (1681) for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
0	-100 =	0	/50 =	0	x \$ 250
<input checked="" type="checkbox"/> Surcharge of \$ 130 (1617) for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	
Total claims		0	- 20 =	0	x \$ 50 (1615)
Independent Claims		0	- 3 =	0	x \$ 200 (1614)
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$ 360 (1616)	\$ 0
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 130.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2				0	
<b>SUBTOTAL =</b>				\$ 130.00	
Processing fee of \$ 130 (1618) for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				0	
<b>TOTAL NATIONAL FEE =</b>				\$ 130.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$ 40 per property				0	
<b>TOTAL FEES ENCLOSED =</b>				\$ 130.00	
08/31/2007 GFREY1 00000120 10584462				Amount to be refunded:	\$
01 FC:1617 130.00 OP				Amount to be charged:	\$

- a.  A check in the amount of \_\_\_\_\_ to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. 02-4800 in the amount of \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4800. A duplicate copy of this sheet is enclosed.
- d.  Charge \$130.00 to credit card. Form PTO-2038 is attached.

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.**

SEND ALL CORRESPONDENCE TO:

Customer No 21839  
P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620  
Date: April 6, 2007

  
SIGNATURE  
Robert G. Mukai  
NAME  
28531  
REGISTRATION NO.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/584,462	Hiroaki Sata	1019519-000536
INTERNATIONAL APPLICATION NO.		
PCT/JP04/19656		
21839	I.A. FILING DATE	PRIORITY DATE
BUCHANAN, INGERSOLL & ROONEY PC POST OFFICE BOX 1404 ALEXANDRIA, VA 22313-1404	12/21/2004	12/25/2003
CONFIRMATION NO. 3316		
371 FORMALITIES LETTER		
*OC000000023054786*		

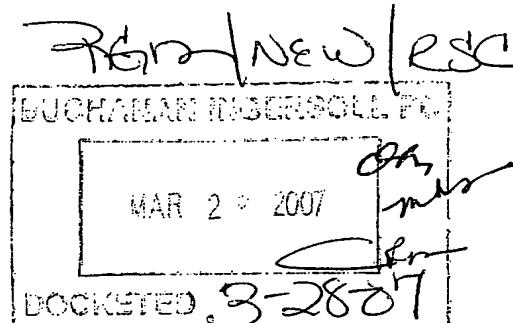
Date Mailed: 03/23/2007

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

MAR 29 2007

- Copy of the International Application filed on 06/22/2006
- Copy of the International Search Report filed on 06/22/2006
- Preliminary Amendments filed on 06/22/2006
- Information Disclosure Statements filed on 06/22/2006
- U.S. Basic National Fees filed on 06/22/2006
- Priority Documents filed on 06/22/2006



The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

Missing Parts Due 5-23-07

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5).

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

ANITA D JOHNSON

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Telephone: (703) 308-9140 EXT 226

**PART 1 - ATTORNEY/APPLICANT COPY**

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/584,462	PCT/JP04/19656	1019519-000536

FORM PCT/DO/EO/905 (371 Formalities Notice)